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(74) Agents: **SLINGSBY, Philip, Roy et al.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).**

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(71) Applicant (*for all designated States except US*): **CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED [GB/GB]**; The Old Schools, Trinity Lane, Cambridge CB2 1TS (GB).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **CHUA, Lay-lay** [SG/SG]; Blk 53, Hillview Avenue #02-04, Singapore 669566 (SG). **HO, Peter, Kian-Hoon** [SG/SG]; Blk 53, Hillview Avenue #02-04, Singapore 669566 (SG). **SIRRINGHAUS, Henning** [DE/GB]; 73 Whitwell Way, Coton, Cambridge CB3 7PW (GB). **FRIEND, Richard, Henry** [GB/GB]; 37 Barton Road, Cambridge CB3 9LG (GB).

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(54) Title: **METHOD OF MAKING POLYMER DEVICE**

(57) **Abstract:** A method of making a transistor having first and second electrodes, a semiconductive layer, and a dielectric layer; said semiconductive layer comprising a semiconductive polymer and said dielectric layer comprising an insulating polymer; characterised in that said method comprises the steps of: (i) depositing on the first electrode a layer of a solution containing material for forming the semiconductive layer and material for forming the dielectric layer; and (ii) optionally curing the layer deposited in step (i); wherein, in step (i), the solvent drying time, the temperature of the first electrode and the weight ratio of (material for forming the dielectric layer): (material for forming the semiconductive layer) in the solution are selected so that the material for forming the semiconductive layer and the material for forming the dielectric layer phase separate by self-organisation to form an interface between the material for forming the semiconductive layer and the material for forming the dielectric layer.

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